

ABSTRACT

The invention provide a cost effective way of determining the status of a light emitting device, such as a light emitting device in a non-emitting display device. The apparatus includes a plurality of light emitting devices arranged in a predefined configuration, a voltage supply coupled to the light emitting devices for making a current flow through the light emitting devices, and electrically conductive devices positioned a predetermined distance away from the light emitting devices, wherein each of the electrically conductive devices generates a voltage in response to current flowing through one of the light emitting devices. An AND gate coupled to the electrically conductive devices receives the voltage from each of the electrically conductive devices through an input and generates an output. A status determining device coupled to the output of the AND gate determines the status of the light emitting devices based on this output.